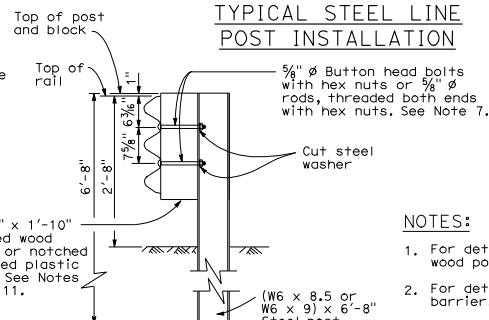
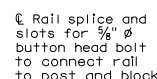


SECTION A-A  
TYPICAL STEEL LINE  
POST INSTALLATION



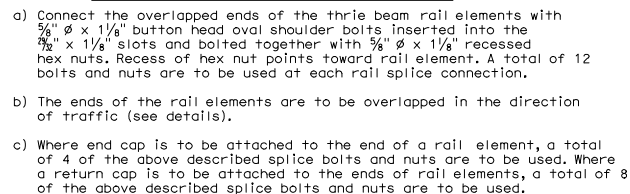
SECTION B-B

TYPICAL STEEL LINE  
POST INSTALLATION



ELEVATION

### RAIL ELEMENT SPLICE DETAIL



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

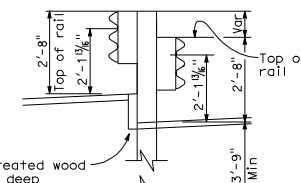
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

May 1, 2006  
PLANS APPROVAL DATE

*The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.*

REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
C-50200  
Exp. 6-30-07  
CIVIL  
STATE OF CALIFORNIA


To get to the Caltrans web site, go to <http://www.dot.ca.gov>



DOUBLE THRIE BEAM BARRIER  
SAW TOOTH INSTALLATION

(Steel post and wood or plastic blocks only)  
See Note 9

NOTES:

1. For details of the cross section of the thrie beam rail element and details for wood post with wood block installations, see Standard Plan A78A.
2. For details of standard hardware, posts and blocks used to construct thrie beam barrier, see Standard Plan A78C1 and A78C2.
3. Thrie beam barrier post spacing to be 6'-3" center to center, except as otherwise noted.
4. Top of barrier rail to be 2'-8" above ground line or shoulder surfacing under the rail element.
5. For barrier end treatments and barrier connections, see Standard Plans A78E1, A78E2, A78E3, A77F1, A77F2, A78G and A78H.
6. For connection to Concrete Barrier, see Standard Plans A78I.
7. Attach rail element to block and steel post with 2 bolts or rods on approaching traffic side of block and post web. No washer on rail face for rod or bolted connections to line post.
8. For details of thrie beam barrier on bridges, see Standard Plan A78D2. For details of thrie beam barrier at fixed objects, see Standard Plan A78D1.
9. Saw tooth installation to be used where offset roadway grades are encountered and height of rail element for each roadway cannot be obtained as shown in Section A-A.
10. Direction of traffic indicated by .
11. Notched face of block faces steel post.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**THREE BEAM BARRIER  
STANDARD BARRIER RAILING  
SECTION (STEEL POST  
WITH NOTCHED WOOD BLOCK  
OR NOTCHED RECYCLED  
PLASTIC BLOCK)**

NO SCALE

**A78B**